AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF PAGES
J	1	2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
0001	17 July 2002		

6. ISSUED BY CODE

U.S. ARMY ENGINEER DISTRICT, ALBUQUERQUE
CORPS OF ENGINEERS
4101 JEFFERSON PLAZA, N.E.
ALBUQUERQUE, NEW MEXICO 87109-3435

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

CODE FACILITY CODE

(√) 9A. AMENDMENT OF SOLICITATION NO.

X DACW47-02-B-0016

9B. DATED *(SEE ITEM 11)*
21 June 2002

10A. MODIFICATION OF CONTRACTS/ORDER NO.

10B. DATED *(SEE ITEM 13)*

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☒ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(√)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

PROJECT: IMMIGRATION AND NATURALIZATION SERVICE, ALPINE BORDER PATROL STATION, ALPINE, TEXAS

1. This is Amendment No. 1 to Solicitation No. DACW47-02-B-0016; 21 June 2002. The following revisions shall be incorporated into the specifications and drawings. All other provisions shall remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED

2. SOLICITATION, OFFER, AND AWARD, Standard Form 1442: In Block 10 and 13A, change the date of bid opening from "7/23/02" to "7/25/02".

3. SECTION 00700, CONTRACT CLAUSES:

a. In clause 52.219-18 NOTIFICATION OF COMPETITION LIMITED TO ELIGIBLE 8(a) CONCERNS (JUNE 1999) Alternate 1 (NOV 1989), at paragraph (a) add the following "(3) The offeror's approved business plan is on the file and serviced by the US Small Business Administration offices in any of the SBA TX offices or the US Small Business Administration, Albuquerque District Office, 625 Silver SW, Suite 320, Albuquerque, NM 87102."

4. SPECIFICATIONS: Delete the following listed pages and substitute the pages attached hereto. On the revised pages, for convenience, changes are emphasized by the amendment number in parentheses before and after changes from the previous issue. All portions of the revised (or new) pages shall apply whether or not changes have been indicated.

Delete Page	Insert Page
13920-15 thru 13920-17	13920-15 thru 13920-17

5. DRAWING CHANGES: The following drawings have been revised and the sequence number changed to indicate such revision: 2.1, 35.1, 36.1, 39.1, 40.1, 41.1, 42.1, 43.1, 44.1, 48.1, 52.1, 54.1, 56.1, 67.1, 75.1, 76.1, 78.1, 79.1, 80.1, 81.1, 82.1, 83.1, 88.1, 89.1, 92.1 and 97.1.

////////LAST ITEM////////

2.7.4.4 Air Release Valve

Automatic air release valve shall have minimum 15 mm inlet size with a minimum orifice size of 3.5 mm (3/32 inch). Valve shall be listed in UL-04 and/or FM P7825.

2.8 HOSE VALVE MANIFOLD TEST HEADER

Hose valve test header shall be connected by ASME B16.5, Class 150 flange inlet connection. Hose valves shall be UL listed UL Fire Prot Dir or FM approved FM P7825a and FM P7825b bronze hose gate valves with 65 mm (2.5 inch) American National Fire Hose Connection Screw Standard Threads (NH) per NFPA 1963. The number of valves shall be per NFPA 20. Each hose valve shall be equipped with a cap and chain, and located no more than 900 mm (3 feet) and no less than 600 mm (2 feet) above grade.

2.9 FLOW METER

Meter shall be UL listed (UL Fire Prot Dir) or FM approved (FM P7825a) for fire pump installation with direct flow readout device. Flow meter shall be capable of metering any water flow quantities between 50 percent and 150 percent of the rated flow of the pump. The flow meter shall be arranged in accordance with Figure A-2-14.2.1 of NFPA 20. The meter control valves shall be O.S.&Y. valves. The meter throttling valve shall be a butterfly valve. Automatic air release shall be provided if flow meter test discharge is piped to the pump suction and forms a closed-loop meter arrangement as defined in Figure A-2-14.2.1 of NFPA 20.

(1) 2.10 DELETED

2.11 PIPE SLEEVE (1)

A pipe sleeve shall be provided at each location where piping passes through walls, ceilings, roofs, and floors, including pipe entering buildings from the exterior. Sleeves shall be grouted in position during construction. Sleeve shall be of sufficient length to pass through the entire thickness of the wall, ceilings, roofs and floors. Not less than 25 mm (1 inch) clearance shall be provided between pipe exterior surface and the interior of the sleeve, and between the tie rods and the interior of the sleeve. The space shall be firmly packed with mineral wool insulation and caulk at both ends with plastic waterproof cement which will dry to a firm but pliable mass, or with a segmented elastomeric seal. Where pipes pass through fire walls or fire floors, a fire seal shall be provided between the pipe and the sleeve in accordance with Section 07840 - FIRESTOPPING. Sleeves in masonry and concrete walls, ceiling, roofs and floors shall be hot-dip galvanized steel,

ductile-iron, or cast-iron. Other sleeves shall be galvanized steel sheet pipe not less than 4.4 kg per square meter (0.90 psf).

(1) 2.12 ESCUTCHEON (WALL) PLATES (1)

Escutcheon plates shall be one-piece or split-hinge type metal plates and shall be provided for piping passing through floors, walls, and ceiling in exposed areas. In finished areas, plates shall be polished stainless steel or chromium-plated finish on copper alloy. In unfinished areas, plates shall have painted finish. Plates shall be secured in position.

(1) 2.13 UNDERGROUND PIPING

2.13.1 Pipe and Fittings (1)

Underground piping and piping under the building slab shall be ductile-iron pipe and fittings. Piping shall be AWWA ANSI/AWWA C151/A21.51 ductile-iron pipe with AWWA ANSI/AWWA C110/A21.10 fittings and shall conform to NFPA 24. Piping beyond 1.5 m (5 feet) of the building shall be provided under Section 02510 - WATER DISTRIBUTION SYSTEM.

(1) 2.13.2 Valves (1)

Valves shall be gate valves conforming to AWWA C500 or UL 262. Valves shall have cast-iron body and bronze trim. Valve shall open by counterclockwise rotation.

(1) 2.13.2.1 Valve Boxes (1)

Except for post indicator valves, all underground valves shall be provided with an adjustable cast-iron or ductile iron valve box of a size suitable for the valve on which the box is to be used, but not less than 133 mm (5.25 inches) in diameter. The box shall be coated with bituminous coating. A cast-iron or ductile-iron cover with the word "WATER" cast on the cover shall be provided for each box.

(1) 2.13.2.2 Post Indicator Valves (PIV) (1)

Valves shall conform to UL 262. Indicator post shall conform to UL 789. PIVs shall have operating nut and removable operating handle. PIVs shall be monitored with a tamper switch. PIVs shall be painted with one coat of primer and two coats of red enamel paint.

(1) 2.13.3 Buried Utility Warning and Identification Tape (1)

Detectable aluminum foil plastic-backed tape or detectable magnetic plastic tape manufactured specifically for warning and identification of buried piping shall be provided for all buried piping. Tape shall be detectable by an electronic detection instrument. Tape shall be color-coded for the utility involved and imprinted in bold black letters continuously and repeatedly over the entire tape length. Warning and identification shall be "CAUTION BURIED WATER PIPING BELOW" or similar wording. Code and lettering shall be permanent

and unaffected by moisture and other substances contained in the trench backfill material. Tape shall be buried at a depth of 300 mm (12 inches below) the top surface of earth or the top surface of the subgrade under pavement.

(1) 2.14 CHLORINATING AGENTS (1)

Chlorinating agent must comply with one of the following.

(1) 2.14.1 Liquid Chlorine (1)

AWWA B301.

(1) 2.14.2 Calcium Hypochlorite and Sodium Hypochlorite (1)

AWWA B300

PART 3 - EXECUTION

3.1 INSTALLATION

Installation, workmanship, fabrication, assembly, erection, examination, inspection and testing shall be in accordance NFPA 20, except as modified herein. In addition, the fire pump and engine shall be installed in accordance with the written instructions of the manufacturer.

3.2 PIPE AND FITTINGS

Piping shall be inspected, tested and approved before burying, covering, or concealing. Fittings shall be provided for changes in direction of piping and for all connections. Changes in piping sizes shall be made using tapered reducing pipe fittings. Bushings shall not be used.

3.2.1 Cleaning of Piping

Interior and ends of piping shall be clean and free of any water or foreign material. Piping shall be kept clean during installation by means of plugs or other approved methods. When work is not in progress, open ends of the piping shall be securely closed so that no water or foreign matter will enter the pipes or fittings. Piping shall be inspected before placing in position.

3.2.2 Threaded Connections

Jointing compound for pipe threads shall be polytetrafluoroethylene (PTFE) pipe thread tape conforming to ASTM D 3308 and shall be applied to male threads only. Exposed ferrous pipe threads shall be provided with one coat of zinc molybdate primer applied to a minimum of dry film thickness of 0.025 mm (1 mil).